Anti-Phospho-c-Myc (Ser62) Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R015265

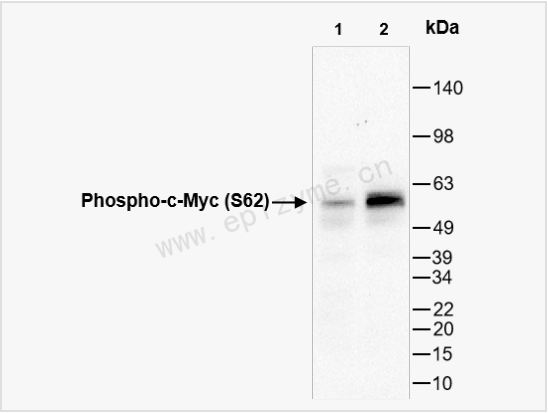
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	30J99I94
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Phospho-c-Myc (S62)
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-c-Myc (Ser62) Rabbit mAb [30J99I94] is for research use only and not for use in diagnostic or therapeutic procedures.

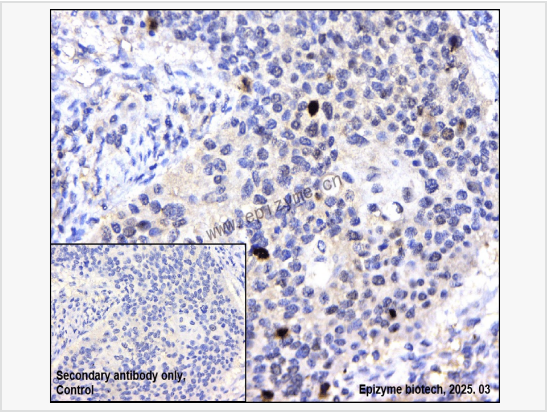
Protein Information

Synonyms	AU016757; Avian myelocytomatosis viral oncogene homolog; bHLHe39; c Myc; Cellular myelocytomatosis oncogene; Class E basic helix-loop-helix protein 39; MGC105490; MRTL; Myc; Myc protein; Myc proto oncogene protein; Myc proto-oncogene protein; myc-related translation/localization regulatory factor; MYC_HUMAN; Myc2; myca; MYCC; Myelocytomatosis oncogene a; Myelocytomatosis oncogene; Niard; Nird; oncogene c-Myc; Oncogene Myc; OTTHUMP00000158589; OTTHUMP00000227763; Proto-oncogene c-Myc; Protooncogene homologous to myelocytomatosis virus; RNCMYC; Transcription factor p64; Transcriptional regulator Myc-A; V-Myc avian myelocytomatosis viral oncogene homolog; v-myc myelocytomatosis viral oncogene homolog (avian); zc-myc.
Calculated MW	Calculated MW: 49 kDa; Observed MW: 57 kDa
Uniprot ID	P01106
Gene ID	4609
Background	This gene is a proto-oncogene and encodes a nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. The encoded protein forms a heterodimer with the related transcription factor MAX. This complex binds to the E box DNA consensus sequence and regulates the transcription of specific target genes. Amplification of this gene is frequently observed in numerous human cancers. Translocations involving this gene are associated with Burkitt lymphoma and multiple myeloma in human patients. There is evidence to show that translation initiates both from an upstream, in-frame non-AUG (CUG) and a downstream AUG start site, resulting in the production of two isoforms with distinct N-termini. [provided by RefSeq, Aug 2017]

Validation Images



Western Blot - Anti-Phospho-c-Myc (Ser62) Rabbit mAb [30J99I94]
All lanes: R015265 at 1:1,000 dilution
Lane 1: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 2: SW620 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 49 kDa
Observed band size: 57 kDa
Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-Phospho-c-Myc (Ser62) Rabbit mAb [30J99I94]
Sample: Paraformaldehyde-fixed, paraffin embedded human lung cancer tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R015265 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.